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Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

United States Patent

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Jon W. I. Dudas

Director of the United States Patent and Trademark Office



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(12) **United States Patent**
Dröge

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(54) **USE OF CREATINE FOR THE AMELIORATION OF OXIDATIVE STRESS**

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(*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(56) **References Cited**

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(57) **ABSTRACT**

The present invention relates to a method of ameliorating oxidative stress and stress-related degenerative processes associated with aging or various disease conditions such as cancer, neurodegenerative diseases or the dysregulation of redox-regulated physiological processes, as indicated by the prooxidative shift in the plasma thiyl/disulfide redox state and its consequences in conditions of elevated oxidative stress, characterized by administering creatine.

8 Claims, 3 Drawing Sheets